



Local Situation Report

Prepared: 7-16-14 @ 0930

Local	GACC	Nat'l
1	1	3

Today's Fire Danger
Moderate

INCIDENT SUMMARY for Yesterday

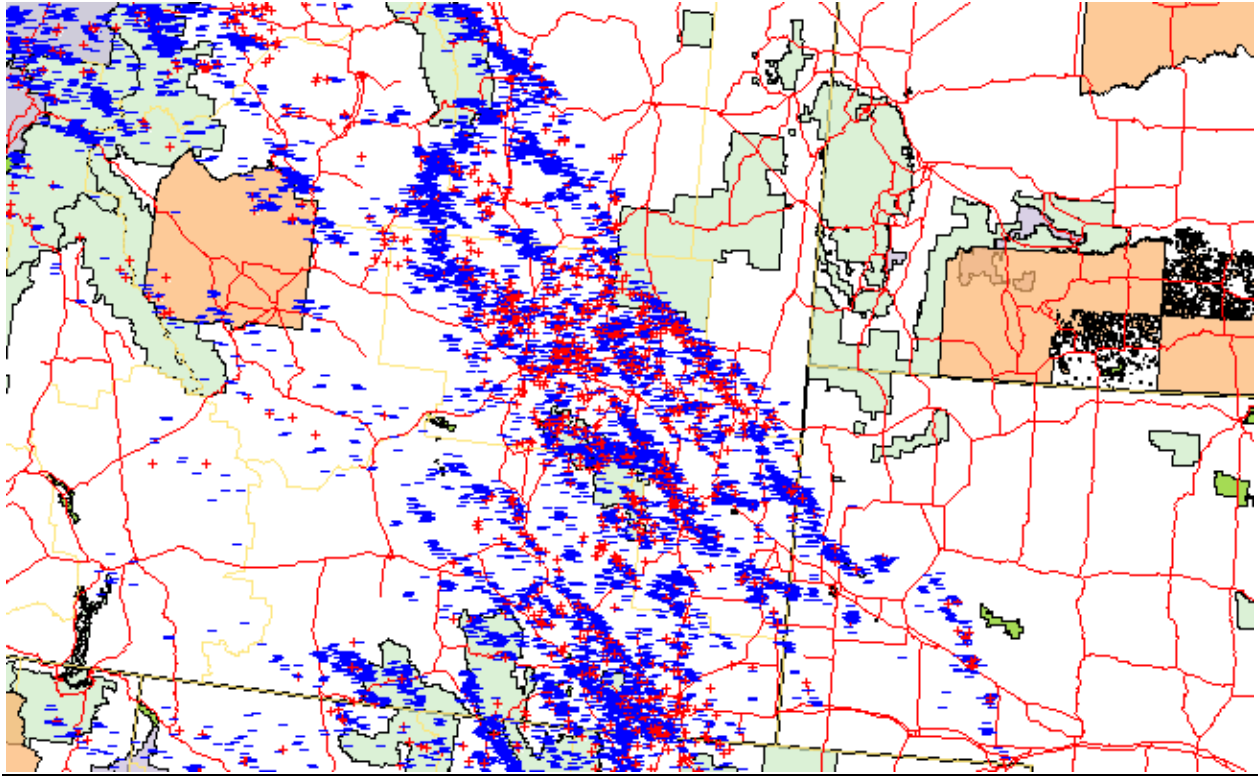
COUNTY AND STATE FIRES						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

MED BOW NATIONAL FOREST						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u> (Acres)	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

WHPD BLM						
<u>Unit</u>	<u>Inc Name</u>	<u>Size</u>	<u>Cause</u>	<u>Status</u>	<u>Location</u>	<u>Remarks</u>

Area Discussion:

Thunderstorms with rain and lightning past through the district over night.

Lightning Map**INDICES (forecasted/actual)**

<u>FDRA</u>	Predicted Today 7/16		
	Indices	Forecasted for 7/16	Actual for 7/15
Echeta	BI	45	63
Rochelle Hills	BI	9	59
Rochelle Hills	ERC	2	12
Poker Creek	ERC	27	50
Casper Mtn	ERC	31	56
Fales Rock	BI	47	65
Sandstone	ERC	N/A	62
Esterbrook	ERC	36	40
Sawmill Park	ERC	36	38

Duty Officers for Today:

<u>Duty Officers</u>	FS - Laramie	Gonnoud	Local Aviation Resources		Location	Status
	FS - Saratoga	Rogge		2TJ (Duncan) State	Duncan	Avail
	FS - Douglas	Westbrook		2HX (Rawlins) BLM	Out of area	Committed
	BLM	Ellis		HT-718	Laramie	Avail
	State	Fallbeck		HT-1KA	Rawlins	Avail
	FS – MBF NF	Bentley				
	Dispatch	Neibauer				

Pumpkin Time for Aircraft for Today:

	Sunrise	Sunset	Pumpkin Time
Gillette	0533	2043	2113
Casper	0541	2041	2111
Glenrock	0539	2039	2109
Laramie	0543	2033	2103

Fire Restriction for the zone:

Agency	Date	Closed	Remarks
WEX	7/10		Weston Cnt open burning restrictions
BLM	7/10		BLM Land in Newcastle District

Weather Discussion

WYZ280 -
NATRONA COUNTY/CASPER BLM

AN UPPER LEVEL DISTURBANCE WILL DROP SOUTHWARD ACROSS THE AREA AND BRING ADDITIONAL SHOWERS AND THUNDERSTORMS TODAY...SOME OF THEM WET. THE MOST NUMEROUS STORMS WILL BE ACROSS THE EASTERN ZONES. TEMPERATURES WILL AVERAGE 10 DEGREES BELOW NORMAL. SHOWERS AND THUNDERSTORMS SHOULD END FROM NORTH TO SOUTH THIS AFTERNOON AS THE DISTURBANCE MOVES AWAY. A RIDGE WILL BUILD ACROSS THE AREA ON THURSDAY AND INTO THE WEEKEND AND BRING WARMER TEMPERATURES AND LOWER HUMIDITY. AFTERNOON THUNDERSTORMS WILL BE POSSIBLE BOTH THURSDAY AND FRIDAY...MAINLY IN ZONE 281 ON THURSDAY AND MOST AREAS EAST OF THE BIG HORN RANGE ON FRIDAY.

.TODAY...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 1200...THEN PARTLY CLOUDY.
ISOLATED THUNDERSTORMS UNTIL 1200. SCATTERED
RAIN SHOWERS. SCATTERED THUNDERSTORMS AFTER
1200. SOME THUNDERSTORMS MAY PRODUCE SMALL HAIL
AFTER 1200. CHANCE OF PRECIPITATION 50 PERCENT.
MAX TEMPERATURE.....66-71.
MIN HUMIDITY.....44-50 PERCENT.
20-FOOT WINDS.....NORTHEAST WINDS AROUND 10 MPH AND GUSTY.
RIDGE TOP WINDS.....NORTHEAST AROUND 15 MPH.
LAL.....2 UNTIL 1200...THEN 3.
CHC OF WETTING RAIN.20 PERCENT UNTIL 1200...THEN 10 PERCENT.
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....PARTLY CLOUDY. ISOLATED SHOWERS AND
THUNDERSTORMS UNTIL 2400. CHANCE OF
PRECIPITATION 20 PERCENT.
MIN TEMPERATURE.....49-54.
MAX HUMIDITY.....86-92 PERCENT.
20-FOOT WINDS.....NORTHEAST WINDS AROUND 10 MPH WITH GUSTS TO
AROUND 15 MPH UNTIL 2100...THEN
DOWNSLOPE/DOWNVALLEY 4-7 MPH.
RIDGE TOP WINDS.....EAST 10 TO 15 MPH UNTIL 2400...THEN SOUTHWEST.
LAL.....3 UNTIL 2400...THEN 1.
CHC OF WETTING RAIN.ZERO PERCENT.
HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ301 -

NIOBRARA/LOWER ELEVATIONS OF CONVERSE/THUNDER BASIN NATIONAL
GRASSLAND

.DISCUSSION...AN UPPER LEVEL DISTURBANCE WILL MOVE SOUTH ACROSS
THE REGION TODAY. SHOWERS AND THUNDERSTORMS WILL CONTINUE OVER THE
AREA WITH THE BEST COVERAGE ALONG AND TO THE EAST OF THE LARAMIE
RANGE. TEMPERATURES WILL BE MUCH COOLER THAN NORMAL...WITH HIGHS
IN THE 60S TODAY AND HIGH RELATIVE HUMIDITIES THROUGH THURSDAY.
DAYTIME HUMIDITIES WILL TREND LOWER BY THIS WEEKEND AS DRIER AIR
MOVES INTO THE AREA...WITH VALUES LOWERING BETWEEN 15 TO 30
PERCENT BY SATURDAY.

.TODAY...

SKY/WEATHER.....MOSTLY CLOUDY. NUMEROUS SHOWERS AND ISOLATED
THUNDERSTORMS UNTIL 1200...THEN SCATTERED
SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....65-70.

MIN HUMIDITY.....57-63 PERCENT.

20-FOOT WINDS.....EAST AROUND 10 MPH.

LAL.....2 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.30 PERCENT.

TRANSPORT WINDS.....EAST AROUND 10 MPH.

MIXING HEIGHT.....2300-4200 FT AGL.

SMOKE DISPERSAL.....POOR (27200-33900 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2100...THEN PARTLY CLOUDY.
ISOLATED SHOWERS AND THUNDERSTORMS UNTIL 2400.
PATCHY FOG AFTER 0300.

MIN TEMPERATURE.....47-52.

MAX HUMIDITY.....100 PERCENT.

20-FOOT WINDS.....DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 15
MPH.

LAL.....2 UNTIL 0300...THEN 1.

CHC OF WETTING RAIN.5 PERCENT.

TRANSPORT WINDS.....EAST AROUND 10 MPH SHIFTING TO THE SOUTH AFTER
MIDNIGHT.

MIXING HEIGHT.....300-1500 FT AGL.

SMOKE DISPERSAL.....POOR (3000-8800 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME
DOMINATED FIRE GROWTH.

Weather Discussion

WYZ307 -
SNOWY RANGE/MEDICINE BOW NF

DISCUSSION...AN UPPER LEVEL DISTURBANCE WILL MOVE SOUTH ACROSS THE REGION TODAY. SHOWERS AND THUNDERSTORMS WILL CONTINUE OVER THE AREA WITH THE BEST COVERAGE ALONG AND TO THE EAST OF THE LARAMIE RANGE. TEMPERATURES WILL BE MUCH COOLER THAN NORMAL...WITH HIGHS IN THE 60S TODAY AND HIGH RELATIVE HUMIDITIES THROUGH THURSDAY. DAYTIME HUMIDITIES WILL TREND LOWER BY THIS WEEKEND AS DRIER AIR MOVES INTO THE AREA...WITH VALUES LOWERING BETWEEN 15 TO 30 PERCENT BY SATURDAY.

.TODAY...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS UNTIL 1200...THEN NUMEROUS SHOWERS AND SCATTERED THUNDERSTORMS.

MAX TEMPERATURE.....58-64.

MIN HUMIDITY.....53-59 PERCENT.

20-FOOT WINDS.....WEST AROUND 10 MPH SHIFTING TO THE NORTH IN THE AFTERNOON. GUSTS UP TO 20 MPH.

LAL.....2 UNTIL 1200...THEN 3.

CHC OF WETTING RAIN.35 PERCENT.

TRANSPORT WINDS.....WEST AROUND 15 MPH SHIFTING TO THE NORTH IN THE AFTERNOON.

MIXING HEIGHT.....2900-4900 FT AGL.

SMOKE DISPERSAL.....POOR TO FAIR (36800-55100 KNOT-FT).

HAINES INDEX.....3 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.

.TONIGHT...

SKY/WEATHER.....MOSTLY CLOUDY UNTIL 2100...THEN PARTLY CLOUDY. SCATTERED SHOWERS UNTIL 2100. SLIGHT CHANCE OF THUNDERSTORMS UNTIL 0300. SLIGHT CHANCE OF SHOWERS AFTER 2100.

MIN TEMPERATURE.....41-46.

MAX HUMIDITY.....89-95 PERCENT.

20-FOOT WINDS.....NORTHEAST UP TO 10 MPH IN THE EVENING BECOMING DOWNSLOPE/DOWNVALLEY 4-7 MPH. GUSTS UP TO 20 MPH.

LAL.....2 UNTIL 2400...THEN 3 UNTIL 0300...THEN 1.

CHC OF WETTING RAIN.10 PERCENT.

TRANSPORT WINDS.....NORTHEAST AROUND 15 MPH SHIFTING TO THE NORTHWEST AFTER MIDNIGHT.

MIXING HEIGHT.....700-2700 FT AGL.

SMOKE DISPERSAL.....POOR (9300-20900 KNOT-FT).

HAINES INDEX.....2 OR VERY LOW POTENTIAL FOR LARGE PLUME DOMINATED FIRE GROWTH.